

BUFFALO (THE) LITHIA SPRINGS of Virginia

NATURE'S OWN REMEDY

—FOR—

*Bright's Disease, Chronic Inflammation of and Stone
in the Bladder, Gouty and Rheumatic Affections, and all Dis-
eases dependent upon a Uric Acid Diathesis, Nervous Disorders,
Dyspepsia, Affections Peculiar to Women, Albuminuria and
Dropsical Effusion, Eczema, &c., &c.*

THE
BUFFALO
NATURE'S
MATERIA
MEDICA
DRINGS



TRADE MARK REGISTERED.

339
LITHIA
OF
VIRGINIA

*The lease of these Springs to the Virginia Buffalo Lithia Springs
Company was canceled on January 1, 1887. The management of the
property and the shipment of the Water is now under the exclusive con-
trol of the owner. Persons desiring this Water fresh from the Springs
can only secure it by ordering directly of, or through persons who order
directly of,*

THOMAS F. GOODE, PROPRIETOR,
POST-OFFICE ADDRESS,
BUFFALO LITHIA SPRINGS, VA.

PHILADELPHIA:
PRESS OF McALLA & STAVELY, 237-9 DOCK STREET.
1887.

NATURE'S OWN REMEDY

FOR

KIDNEY AND BLADDER DISEASES, GOUT, DYSPEPSIA,
RHEUMATISM, NERVOUS DEBILITY, THE
AFFECTIONS PECULIAR TO WOMEN,

AND ALL DISEASES RESULTING FROM URIC ACID DIATHESIS.

LOCATION, TOPOGRAPHY, ACCOMMODATIONS AND ANALYSES.

These celebrated Springs are located in Mecklenburg County, Virginia, occupying a central position in the section of country known as the "Buffalo Hills," which is broken and rolling, about eight miles square, and at an altitude of 500 feet above the sea level, being very similar in general appearance to the country in the vicinity of the Blue Ridge Mountains known as "Piedmont Virginia."

They are twelve miles distant from the Scottsburg Depot of the Richmond and Danville Railroad, at which point visitors from the South leave the trains, and seven miles from Clarksville, the terminus of the Richmond and Mecklenburg Railroad, from which points visitors are promptly transferred to the Springs by an excellent line of stages.

The group contains three Springs, which are known as Nos. 1, 2 and 3 respectively.

This Water is *without taste or odor*, to distinguish it from ordinary drinking water, and there is no danger in drinking it freely.

The hotel accommodations are sufficient to comfortably entertain 250 guests.

ANALYSES.

Analyses of the Waters of the Buffalo Lithia Springs, in Mecklenburg County, Virginia, made by Prof. Wm. P. Tonry, of the Maryland Institute, Baltimore. (Results expressed in grains per imperial gallon.)

SPRINGS.

	No. 1.	No. 2.	No. 3.
Sulphate of Magnesia	1.530	0.885	0.150
" " Alumina	8.180	9.067	3.035
" " Potash	0.463
" " Lime	19.251	33.067	2.353
Carbonate of Potash	29.300	1.852
Bicarbonate of Lime	39.277	14.963	2.524
" " Lithia	1.484	2.250	traces
" " Iron	0.500	0.300	3.774
" " Baryta	1.750
Chloride of Sodium	1.256	4.921	0.217
" " Silica	1.725	1.873	0.570
Phosphoric Acid	traces	traces	traces
Iodine	traces	traces
Organic Matter	small amt.	small amt.	small amt.
Total grains per gallon	73.666	98.376	14.475
Sulphureted Hydrogen (cub. in.)	5.9	8.3	3.4
Carbonic Acid Gas (cub. in.)	69.1	59.2	11.6

All these Springs have a well-established medical record. Spring No. 2, however, is that which has attracted so much attention as a valuable Therapeutic agent in the *Uric Acid Diathesis*, and to the Water of this Spring the testimonials embraced in this pamphlet for the most part refer. Some account is given, however, of the uses of the Waters of all three of the Springs, *commencing with Spring No. 2.*

SPRING NO. 2, ITS CLASSIFICATION, PROPERTIES AND USES.

Dr. Roberts Bartholow, Professor Materia Medica and General Therapeutics in Jefferson Medical College of Philadelphia, &c., &c.

See his "Materia Medica and Therapeutics."

"Buffalo Lithia Spring, of Virginia, contains well-defined traces of Lithia, and is ALKALINE."

Dr. James L. Cabell, Professor of Physiology and Surgery in the Medical Department in the University of Virginia, and President of the National Board of Health.

"The Water of Buffalo Spring No. 2 contains in notable quantities two of the ALKALIES which are accredited as extremely valuable in the treatment of Gout, Lithiasis, and Liver Affections. I refer to the Carbonates of Potash and Lithia. It is now well known that both of these ALKALINE carbonates have an ascertained value in cases of Uric Acid Diathesis connected with Gravel, and in cases of Chronic Gout, because of their affinity for Uric Acid, and the great solubility of the salts which are formed by their union with that acid."

Dr. Hunter McGuire, late Professor of Surgery in the Medical College of Virginia, Richmond.

"Buffalo Lithia Water, Spring No. 2, is an invaluable ALKALINE DIURETIC."

Dr. Wm. B. Towles, Professor of Anatomy and Materia Medica in the Medical Department of the University of Virginia.

"Buffalo Lithia Water, Spring No. 2, is a Powerful Diuretic. It belongs to the ALKALINE or, perhaps, to the ALKALINE-SALINE class, for it has certainly proved far more efficacious in many diseased conditions of the human system than any of the simple ALKALINE Waters."

Dr. Edward L. Keys, in "Pepper's System of Medicine," advises Buffalo Lithia Water as a bland Diuretic in Acute Cystitis.

Dr. Henry M. Wilson, of Baltimore, Ex-President Medical and Chirurgical Faculty of Maryland.

"I have no hesitancy in expressing my preference for Buffalo Lithia Water, Spring No. 2, as a Diuretic in Urinary Calculi over all waters that I have ever used."

The foregoing statements will indicate at once to the physician the wide adaptation and remarkable remedial powers of this Water in morbid conditions of the human system. For the benefit, however, of the unprofessional reader it is proposed

to state with some detail the class of disorders in which experience has shown it to be especially valuable. It is claimed with entire confidence that no more remarkable curative results have been accomplished by any remedial agent, whether among mineral waters or medicines, than by this Water in *Gout, Rheumatic Gout, Rheumatism, Gravel and Stone in the Bladder and in all Diseases dependent upon a Uric Acid Diathesis and indeed in acid conditions generally of the human organism.*

With whatever of skepticism the claim may be received, in *Bright's Disease* of the *Kidneys*, both *acute and chronic*, this Water has been successfully employed. In many cases of this character, in the early stage of the disease, it has proved curative. In many others, in the later stages, its use has proved a palliative and comfort, and resulted in partial restoration and prolongation of life. In *Albuminuria*, either simple or as a symptom of *Bright's Disease*, it frequently causes a total disappearance of *Albumen* from the *Urine*, and it is the only known mineral Water that will accomplish this result. Dr. Sydney Ringer, Professor of the Principles and Practice of Medicine, University College, London, in his "Hand-Book of Therapeutics," recommends the *Alkalies as Diuretics in Bright's Disease*, both *acute and chronic*. He says: "By making the urine alkaline, some consider it is enabled to dissolve the organic and diseased matters which block up the uriniferous tubes in *Bright's Disease* and hinder the secretion of the *Kidneys*."

Dr. Alfred L. Loomis, Professor of Pathology and Practical Medicine, in the Medical Department of the University of New York city, in his "Text-Book of Practical Medicine," on the subject of the treatment of *Bright's Disease*, says: "Many patients will derive great benefit from residing, for a time, where they may constantly use water from *Alkaline Springs*. The Germans and French recommend very extensively the *Alkaline Waters* in this class of disease." Among the accompanying testimonials will be found one from this distinguished author, to the efficacy of *Buffalo Lithia Water, Spring No. 2*, in "*Chronic Interstitial Nephritis*," which is what is known to the profession as the "*Third Stage of Bright's Disease of the Kidneys*."

The claim of this Water to be a *Solvent of Stone in the Bladder*, both of the *Uric Acid*, and of the *White Phosphatic Deposit*, notwithstanding the incredulity and harsh criticism with which it has heretofore been met, is again distinctly asserted, and why should it not be true? It holds in solution the *Carbonate of Lithia*, and the *Carbonate of Potash*, both of which *Alkalies* are accredited by the highest medical authorities with valuable *Solvent properties*, certainly over *Uric Acid* concretion.

Dr. Roberts Bartholow, Professor of *Materia Medica and Therapeutics*, Jefferson Medical College, Philadelphia, in his "*Materia Medica and Therapeutics*," says: "*Alkaline Waters long used are especially serviceable in the so-called Uric Acid Diathesis*. There is little doubt that the continuous use of *Alkaline Water* for a long period will cause the solution of *Uric Acid Calculi*. For this purpose those *Alkaline Waters rich in Potassa* are preferable." This Water contains twenty-nine grains per gallon of the *Carbonate of Potash*, making it "rich" in this valuable *Alkali*.

Dr. Sydney Ringer, in "*Hand-Book of Therapeutics*," says: "Dr. Garrod employs strong solutions of the *Lithia Salts* to remove *Gouty enlargements*; he thinks that *Lithia Salts* formed with the *Uric Acid* passes into the *Blood*, and that in this way *Gout Stones* are reduced." He also states, "That Dr. W. Roberts, of Manchester, England, has by many careful experiments shown, that *Uric Acid Calculi* may probably be dissolved in the *Bladder* if the urine is maintained *Alkaline* for some weeks, and in this connection states, that *Carbonate of Potash* is frequently employed to render the urine *Alkaline*."

It is well established, then, by medical authorities that both the *Potash and Lithia Salts* are possessed of special virtue as *Solvents of Uric Acid Calculi*. This being the case, it may naturally be supposed that the combination of the two salts in Nature's Laboratory gives a *Solvent of Uric Acid*, or "*Gout Stones*," far more efficacious than either one of them separately. Fortunately, however, we are not left to theory as to the value of this Water as a *Solvent of Stone in the Bladder*. Experience, the only infallible test of any remedy, has thoroughly established its claim as a *Solvent*, not only of the *Uric Acid*, but of the *White Phosphatic Deposits* as well. It is frankly conceded that the *Solvent* action of this Water in the *White Phosphatic Deposits* is not so susceptible of satisfactory explanation as in the case of the *Uric Acid Deposit*. It is repeated, however, that it is a well-established fact that it does dissolve the *White Phosphatic Deposits*, and that is what it mostly concerns the sufferer to know.

The *Alkaline Waters* are recommended by high medical authority in *Diabetes Melitus*. This Water has given excellent results in this malady. It has been successfully employed in the *Summer Diarrhœa of Children*. It has been found exceedingly valuable in the preparation of *Artificial Food for Infants*, added one-fourth or one-third, as may be, to cow's milk, where it was acid or was thrown up in caseous masses. Caseine is the constituent of milk, which, for the most part, disagrees with infants. Its dilution, however, with this Water secures the digestion and absorption of the caseine, making it a valuable substitute for the mother's milk, where oftentimes, but for such dilution, it would not be admissible at all.

Dr. Hunter McGuire, late Professor of Surgery, Richmond, Va., Medical College, says of this Water: "For some time I have been using it in the preparation of *artificial food for infants*. Cow's milk is the substitute usually resorted to when the mother is not able to suckle her child, and it is impossible to get a wet nurse. One serious objection, along with many others, to cow's milk, is its ACIDITY. Human milk is always alkaline, but cow's milk, except when the animal is fed entirely upon grass, is almost always acid. This is the principal reason why the milk of cows disagrees with many babies, and lime water is often added to this milk to correct the acidity. I believe the long-continued use of lime water is hurtful to digestion, and last summer, when I was feeding two of my own children on cow's milk, and found the nurse adding lime water to prevent colic and intestinal derangement, which the food otherwise produced, I directed her to use No. 2 Buffalo Lithia Water in preparing the children's food, with immediate and continued good. The Lithia Water was added until the milk lost its acidity and was neutral or alkaline."

It is emphatically a *Stomachic Tonic*, and promotes both the appetite and digestion. It possesses in a remarkable degree the power of allaying Nausea, is an efficient preventive of fermentative changes in the food in the process of digestion, and in many Disorders of the Stomach, especially where fermentation is a prominent symptom, its action is astonishingly happy. In numerous cases where persons had been confined for years to a diet of bread and milk, tea and crackers, etc., they have been, after a few months' use of this Water, enabled to eat, without inconvenience, Bacon, Cabbage, Turnips, Rich Desserts, etc.

In *Albuminuria of Scarlatina*, and *Albuminuria of Pregnant women*, its administration has been attended by the best results, in cases where there had been an entire failure of the usual remedies. In "*Uræmic Poisoning*," so often associated with *Bright's Disease*, *Scarlatina*, *Pregnancy*, and *Typhoid Fever*, so prompt and efficient has been the action of this Water, that it would be difficult to overestimate its remedial value in such cases. In the *Nausea of Pregnancy*, all remedies are very uncertain. This Water, however, in cases of this character, has afforded marked relief. Some eminent medical men advise its use during the whole course of *Pregnancy*, as a preventive of some of the dangers incident to this condition.

As will be observed from a careful examination of the accompanying testimonials, it is a remedy of remarkable efficiency in other of the *Peculiar Affections of Women*, and especially so in disturbed conditions of the *Monthly Function* of young women, notably in *Suppressed* and in *Painful Menstruation*. And in many cases it has proved equally efficacious in *excessive flow of the Menses*.

In *Chronic Intermittent and Remittent Fevers*, and in all *Chronic Malarial Poisoning*, it may be regarded as well-nigh specific. In *Eczema*, and all *Eruptive diseases* dependent upon *Uric Acid Diathesis*, it will be found a potent remedy. In *Biliary Calculi*, or *Gall Stones*, and in *Tropical Affections*, it has accomplished some remarkable results.

In *Habitual Constipation* and in *Hemorrhoids* dependent upon a torpid condition of the *Liver*, it is a remedy of great excellence. The relief afforded by it in *Constipation* is not due to any decided laxative property, but to its alterative power over the secretions, and while in some of these cases its good effects are prompt, in others the continuous use of the Water for weeks or possibly for months may be required to accomplish the desired result.

Distinguished medical authority also ascribes to it a peculiar power as a *Nerve Tonic*, and compares its action as a tonic and alterative to that of the "*Hypophosphites of Lime and Soda*."

The best evidence, perhaps, that it possesses this peculiar power as a *Nervous Tonic*, is the remarkable relief which it has afforded in some cases of *Paralysis*, in

which its good effects can be ascribed only to its action upon the *Nervous System*.

It will be noted that the Analysis of this Water shows a trace of *Phosphoric Acid*.

Dr. Sydney Ringer says of *Phosphorus*: "It acts as a *stimulant* to the *Brain* and fits it for *unusual exertion*, and so obviates *physical and mental exhaustion* or *depression from overwork*. It promotes the nutrition of the *Nervous System*. It appears to be efficacious in *Neuralgia* of any part of the body." Whether it be due to the small amount of *Phosphorus* or not, Dr. Ringer could not better have described the effects of this Water, for its value as a *stimulant to the brain*, and as a *restorative in nervous exhaustion*, the result of over mental taxation, is well established. Divines, lawyers, and others of literary pursuits, have attested its *inestimable value* to them as a *stimulant and exhilarant of the brain*, when undergoing any *unusual mental strain*.

Dr. Roberts Bartholow says, "*Phosphorus in small doses increases mental activity*." He further says, "We have no remedy more efficient in the treatment of *impotence* of functional character than *Phosphorus*." He advises *Phosphorus* in "*Neuralgia and Nervous Break-down from overwork*." The celebrated M. Delpach has obtained "excellent results from *Phosphorus in Paralysis*." *Phosphorus*, says a high medical authority, has been "successfully employed as a substitute for *Arsenic* in *Acne*, *Lupus* and other *Skin diseases*."

Many critical judges in such matters regard it as the most efficient of known *Antidotes* to the pernicious acids of *Wines* and *Liquors*, and consequently the most efficient preventive of *Gout*, *Rheumatism*, and other evils frequently resulting from them.

It is considered by some eminent members of the profession a most efficient remedy in what is known as *Chronic Alcoholism*. Its stimulating and exhilarating properties meet to a great extent the craving for *alcoholic stimulants*, and while by its diuretic properties it carries off decomposed effete matter, it *quiets the irritable stomach*, *promotes digestion* and *assimilation*, and *quiets the shattered Nervous System*.

While the analysis reveals to a certain extent the potent ingredients of the Water, yet it is a fact, acknowledged by the highest authorities, that its full power is not told in the formula of analysis. Dr. Hunter McGuire, of Richmond, Va., speaking of this Water, says: "Whatever may be the published analysis of this Water, I know from the constant use of it personally, and in my practice during many years past, that the results obtained from its use are far beyond those which would be warranted from the analysis given. I am of the opinion that this Water either contains some powerful remedial agent as yet undiscovered by medical science, or its elements are so delicately combined in Nature's laboratory that they defy the utmost skill of the chemist to solve the secret of their power."

The Trade Mark of the proprietor is blown into the bottles in which this Water is put up. The corks of the bottles are branded respectively "No. 1" and "No. 2," indicating the Water of the different Springs, and each bottle is sealed, the seal having upon it the Trade Mark and name of the Proprietor.

Spring No. 1. Its Classification.

Dr. J. J. Moorman, Professor of Medical Jurisprudence and Hygiene in Washington University, Baltimore, Member of the Medico-Chirurgical Society of Maryland, etc., in his popular work on the "Mineral Springs of North America," in referring to this Spring, says: "The analysis of the Water shows it to be a *Sulphated Chalybeate*." A more recent analysis seems to show that it is an *Alkaline Water*. A heavy *Iron* deposit from this Water would indicate, however, that it contains a much larger proportion of *Iron* than is revealed by the more recent analysis, and Dr. Moorman's classification of it as a *Sulphated Chalybeate* is perhaps correct.

USES OF THIS WATER.

For three-quarters of a century this water has enjoyed a reputation in Virginia and contiguous States (no effort has been heretofore made to present its claims to the general public) as a remarkable remedial agent in various forms of chronic disease, notably in *Atonic Dyspepsia*, *Chronic Intermittent* and *Remittent Fevers*, *Affections of the Liver and Spleen*, and in all *Chronic Malarial Poisoning*, *Chronic Diseases of the Skin*, *Visceral Obstructions*, *Dropsical Affections*, and in many of the *Affections Peculiar to Women*, notably in all disturbed conditions of the *Monthly Function*.

As a regulator of this function, it has proved equally efficient in *Suppression* and in *excessive flow of the Catamenia*. It has possibly more uniform adaptation, and greater curative power in some cases of this character, than No. 2.

As a *Nervous Tonic* it has greater potency than No. 2. Like No. 2, it is a *very decided stimulant* and *exhilarant of the Brain*, and invaluable as a *preventive of Nervous Exhaustion*, or *Depression from overtaxation*, either *physical or mental*. As a restorative of the enfeebled, broken-down *Nervous System*, however caused, it is a remedy of unsurpassed excellence.

In the troubles incident to *Teething*, and in all wasting diseases of *children*, its action is sometimes that of a charm.

In some cases of *Chronic Diarrhœa* it has given excellent results.

This Water *increases the appetite, promotes digestion and assimilation*, and has proved highly efficacious in *Dyspepsia* in all its *Protean forms*. In simple *Atonic Dyspepsia*, where there is mere debility of the digestive organs, it is considered decidedly preferable to No. 2. In cases, however, where there is an *excess of Acid* in the process of nutrition, or in other words, in what is commonly known as *Acid Dyspepsia*, No. 2 is unmistakably indicated. *Oftentimes experiment alone can determine which of the two Waters is best adapted to a case of this character*. Some of the best results obtained at the Springs are by persons who use both Waters, first one and then the other. No more remarkable results were ever accomplished by any agent in *Diabetes Mellitus*, than by this Water. In the troubles incident to the *Teething* of Infants, its action is very happy. In common with No. 2, it is often used in the preparation of *Artificial Food for Infants*.

"The Diuretic properties of this Water, though less potent than No. 2, are yet very marked. It has proved highly efficacious in *Urinary Calculi* and has given good results in *Chronic Inflammation* of the *Kidneys*, *Bladder* and *Urethra*, and in some *exceptional* cases of this character has afforded relief in cases where No. 2 had failed. The happy blending of *Tonic* and *Alterative* powers in this Water constitutes it a valuable remedy in a comprehensive class of cases in which these two important influences are demanded for the restoration of health."

The Waters of both these Springs, taken late in the afternoon, or at night, make some persons wakeful. Where this is the case, they should be taken for the most part early in the morning and about the middle of the day.

SPRING NO. 3.

This is a *Ferruginous Water*, containing *Carbonate of Iron* and *Carbonic Acid*, and is indicated in *Chlorosis* and *Anæmia*, to supply to the blood the material which is deficient.

Dr. Roberts Bartholow recommends especially the *Ferruginous Waters* containing *Carbonate of Iron* and *Carbonic Acid*. Unlike most waters of this character, this Water is *Purgative*. Dr. Bartholow says, "*The Purgative Iron Waters* are useful in *Engorgement of the Liver*, *Hemorrhoids* and *Dyspepsia* of *Anæmic Subjects* in *Albuminuria* and *Dropsy*."

On account of a heavy precipitate of Iron from this Water on standing for some time, it is not offered for shipment.

The advantage presented to the invalid in this combination of *Alterative* and *Tonic Waters* is too evident to require comment.

ENDORSATION OF MEDICAL EXPERTS REFERRING EXCLUSIVELY TO SPRING NO. 2.

Gouty, Rheumatic and Renal Affections, Atonic Dyspepsia, &c.

Dr. Roberts Bartholow, M.A., LL.D., Professor of Materia Medica and General Therapeutics in the Jefferson Medical College of Philadelphia, &c. See his "*Materia Medica and Therapeutics.*"

"Buffalo Lithia Spring, of Virginia, contains *well-defined* traces of *Lithia* and is *Alkaline*. This has been used *with great advantage* in *Gouty, Rheumatic and Renal Affections*.

"As we have seen that *Alkalies* taken before meals increase the production of acid gastric juice, the *Alkaline Mineral Waters* are serviceable in *Atonic Dyspepsia*. They are especially useful in *Catarrh* of the *Duodenum* and of the *Bile-ducts*, and in the *Jaundice* dependent on this state of the mucous membrane. In incipient *Cirrhosis*, in *Congestion* of the *Portal Circulation*, and in *Hemorrhoids*, due to the *Hepatic obstruction*, they render important service. *Obesity*, which is frequently diminished by a course of *Alkalies*, is better treated by *Alkaline Waters*. * * * *

"The *Alkaline Springs* have long had a deserved reputation for the cure of *Gout* and *Rheumatism*. * * * *

"These *Alkaline Waters*, long used, are especially serviceable in the so-called *Lithic Acid Diathesis*. There is little doubt that the continuous use of *Alkaline Waters* for a long period will cause the solution of *Uric Acid Renal Calculi*. For this purpose those *Alkaline Waters* rich in *Potassa** are preferable.

"When *Diabetes* is *Hepatic* in origin, and occurring in obese subjects, the *Alkaline Mineral Waters* are extremely useful." * * * *

* It will be observed that this Water contains twenty-nine grains per gallon of the *Carbonate of Potassa*, making it rich in this valuable *Alkali*.

Affections of the Nervous System, Complicated with Bright's Disease of the Kidneys, with or without a Gouty Diathesis, Cerebral Hyperæmia, &c.

Dr. Wm. A. Hammond, of New York, Surgeon-General of U. S. Army (Retired), Professor of Diseases of the Mind and Nervous System in the University of New York, &c.

"I have for some time made use of the Buffalo Lithia Water in cases of affections of the *Nervous System** complicated with *Bright's Disease of the Kidneys*, or with a *Gouty Diathesis*. The results have been eminently satisfactory. *Lithia* has for many years been a favorite remedy with me in like cases, but the *Buffalo Water* certainly acts better than any extemporaneous solution of the *Lithia Salts*, and is, moreover, better borne by the *Stomach*. I also often prescribe it in those cases of *Cerebral Hyperæmia*, resulting from over-mental work—in which the condition called *Nervous Dyspepsia* exists—and generally with marked benefit."

* For the benefit of the unprofessional, the following extracts are appended from "*The Practice of Medicine*," by Dr. Austin Flint. Under the head of *Bright's Disease* Dr. F. says, "*Symptoms referable to the Nervous System are among the most important of those belonging to the clinical history of the disease.*"

Again he says, "*Coma and Convulsions are the most important of the symptoms referable to the Nervous System. They occur in a pretty large proportion of cases, and are generally forerunners of a fatal termination. In Chronic Bright's Disease as in the acute affection they proceed from Uræmic Poisoning.*"

It is evident then that Dr. Hammond attests that efficacy of the Water in the most formidable presentations of *Bright's Disease*.

Chronic Interstitial Nephritis, or Bright's Disease of the Kidneys, Gouty and Rheumatic Affections, &c.

Dr. Alfred L. Loomis, Professor of Pathology and Practical Medicine in the Medical Department of the University of the City of New York, &c.

"For the past four years I have used the Buffalo Lithia Water in the treatment of Chronic Interstitial Nephritis* occurring in Gouty and Rheumatic subjects, with the most marked benefit. In all Gouty and Rheumatic Affections, I regard it as highly efficacious."

* Ziemssen, in his great work, "The Cyclopædia of the Practice of Medicine," under the head of "Interstitial Inflammation of the Kidneys" (that is Interstitial Nephritis), says, "The pathological state of the Kidneys at present designated by the above name (along with several other names), represents the third stage of what is known by authors as Bright's Disease, and is alleged to be the final result of diffuse Nephritis."

*Dr. J. Marion Sims, of New York.**

"I have used in my practice the Water of Spring No. 2, of the Buffalo Lithia Springs, of Mecklenburg county, Virginia, for several years past, and have in many cases found it a remedy of great excellence."

* Dr. Sims does not state the class of cases in which he witnessed good results from the action of the Water. He is, however, understood as a matter of necessity to refer to cases in the line of his great specialty, "Diseases of Women," and if confirmation be wanting of this view of the subject, it may be found in the fact of the well-established reputation of this Water in many Affections Peculiar to Women. Most notable in this regard is its unquestionable remedial power in disorders of the Monthly Function, especially in cases in which the Function has never been established, or after having been established, is suppressed, and those in which the Function is executed with painful difficulty. It has also proved efficacious in some cases of Excessive Flow of the Menses. It has been found especially valuable in the too frequent Menstruation occurring at the change of life, and relieves many others of the troubles incident to the Menopause.

Chronic Inflammation of the Bladder, whether resulting from Stone, Enlarged Prostate, or Neglected Gonorrhœa.

Dr. Robert Battey, of Georgia, Suggester of Battey's Operation.

"I would state that I have been using the Buffalo Lithia Water, No. 2, in my practice for three years past, in cases of Chronic Inflammation of the Bladder, whether induced by Stone, by Enlarged Prostate in the aged, or by Neglected Gonorrhœa, and have secured excellent results, which encourages me to prescribe it for the future."

Gravel and other Diseases dependent upon a Uric Acid Diathesis, Rheumatic Gout, Dyspepsia, Diseases Peculiar to Women, &c. This Water a Powerful Nervous Tonic.

Dr. Hunter McGuire, Richmond, Virginia, late Professor Surgery, Medical College of Virginia.

"Buffalo Lithia Water, Spring No. 2, as an Alkaline Diuretic, is invaluable. In Uric Acid Gravel, and indeed in diseases generally dependent upon a Uric Acid Diathesis, it is a remedy of extraordinary potency. I have prescribed it in cases of Rheumatic Gout, which had resisted the ordinary remedies, with wonderfully good results. I have used it also in my own case, being a great sufferer from this malady, and have derived more benefit from it than from any other remedy. It has very

marked adaptation in Diseases of the *Digestive Organs*. In that condition, especially known as *Nervous Dyspepsia*, frequently caused by over-mental labor, and in those cases also where there is *excess of Acid* in the process of nutrition, it will be found highly efficacious.

"I am fully satisfied of its value in the treatment of *Diseases Peculiar to Women*. In this class of disease it is unquestionably deserving of very high commendation. It has never failed me as a *Powerful Nervous Tonic* when I have prescribed it as such. I sometimes think it must contain *Hypophosphites of Lime and Soda*. It acts as that compound does—as a *Tonic and Alterative*."

Uric Acid Calculi and Atonic Dyspepsia, with Nervous Exhaustion, &c.

Dr. John C. Coleman, a Retired Surgeon of the U. S. Navy, near South Boston, Va.

"In *Uric Acid Calculi* of the *Bladder* and in *Atonic Dyspepsia* with *excess of acid*, regurgitation of food, &c., with *Nervous Exhaustion*, I have witnessed the very happiest results from *Buffalo Lithia Water, Spring No. 2*. This *Water* increases the appetite, promotes digestion, and is an efficient preventive of fermentative changes in the food during the process of digestion, thus meeting most happily the indications of treatment in such cases. The *Digestive Process* being in some unexplainable way under the influence of the *Nervous System*, the decided power of this *Water* as a *Nervous Tonic* would seem to indicate its use in all cases of *Functional Dyspepsia*.

"Among the people of the surrounding country it is considered a sort of *Domestic Remedy* and is kept in almost every house."

Gout, Rheumatic Gout, Stone, Bright's Disease of the Kidneys, Acid Dyspepsia, Affections Peculiar to Women, Mercurial Poisoning, &c.

Dr. Wm. B. Towles, Professor of Anatomy and Materia Medica in the Medical Department of the University of Virginia.

"I feel no hesitancy whatever in saying that in *Gout, Rheumatic Gout, Rheumatism, Stone in the Bladder*, and in all Diseases of *Uric Acid Diathesis*, I know of no remedy at all comparable to *Buffalo Lithia Water, Spring No. 2*.

"Its effects are marked in causing a disappearance of *Albumen* from the urine. In a single case of *Bright's Disease of the Kidneys*, I witnessed decided beneficial results from its use, and from its action in this case I should have great confidence in it as a remedy in certain stages of this disease. In *Dyspepsia*, especially that form of it in which there is an *excessive production of Acid* during the process of nutrition, in some of the *Peculiar Affections of Women*, notably in *Suppression of the Menses*, and in *Chronic Malarial Poisoning, &c.*, I have found it highly efficacious."

Spring No. 2 in Bright's Disease of the Kidneys—Its solvent power in Stone in the Bladder—the Gouty Diathesis, Acne and other Facial Eruptions.

Dr. G. Halstead Boyland, Late Professor of Surgery, Baltimore Medical College, Late Surgeon French Army (Decorated), Member Baltimore Academy of Medicine, Member American Medical Association.

"In *Bright's Disease of the Kidneys*, acute or chronic, *Buffalo Lithia Water, Spring No. 2*, is, in my experience, without a rival, whether in the *Parenchymatous* form or *Interstitial Nephritis*. In cases in which the *Albumen* in the *Urine* reached as high as 50 per cent, I have known it under a course of this *Water* gradually diminish and finally disappear, at the same time other alarming symptoms were relieved and the sufferers restored to comfortable health.

"In STONE in the BLADDER of the *Red Lithic Acid* and the *White Phosphatic Deposit*, the *Solvent* power of this Water is *unmistakable*. Its value, however, in such cases is *not restricted to its Solvent power* over these deposits, but it meets the *more important indication*, that of *so changing the Diathesis on which the formation depends as to prevent reformation*. The best results which I have witnessed from any remedy in *Gouty and Rheumatic Affections* have been from this Water. In all diseases having their origin in a *Uric Acid Diathesis*, it is a remedy of unsurpassed excellence. Its *Nerve Tonic* properties are very decided, indicating its value in a wide range of *Nervous disorders*. In *Acid Dyspepsia*, *Cardiac Dropsy*, and in *Constipation* due to *Anæmia*, I have found it a remedy of great efficiency. In *Eczema*, *Acne*, and other *Facial Eruptions* its action is sometimes surprisingly happy."

Inflammation of the Uterus and Bladder, Gouty, Rheumatic or Acid Diathesis, Neuralgia and Dyspepsia, Scarlet Fever, Albuminuria of Pregnancy, &c.

Dr. James B. McCaw, Professor of the Practice of Medicine in the Virginia Medical College.

Extract from the Proceedings of the Richmond Academy of Medicine, October 15th, 1878, taken from the "Virginia Medical Monthly," of December, 1878.

"*Buffalo Lithia Water of Mecklenburg County, Va., in Female and other Diseases.*—Prof. James B. McCaw (*Professor of the Practice of Medicine in the Virginia Medical College at Richmond*), reported two cases of great irritability of the *Uterus* and *Bladder* when all other treatment had failed—both local and general—which were very much relieved by the use of the 'Buffalo Lithia Water.'"

Dr. McCaw also spoke of the great value of these Waters in the "*Gouty, Rheumatic or Acid Diathesis*," in "*Neuralgias and Dyspepsias*," in "*Albuminuria of Scarlet Fever*," and in "*Albuminuria of Pregnant Women*."

Puerperal Eclampsia.

Dr. William Thompson Lusk, of New York, Professor of Obstetrics and Diseases of Women and Children in the Bellevue Hospital Medical College, Fellow of the American Gynecological Society, Author of "The Science and Art of Midwifery," &c.

Dr. Lusk in "*The Science and Art of Midwifery*," after speaking of the value of the "milk diet" in *Puerperal Eclampsia*, advises that, where the diet is badly supported by the patient, she should be advised to drink freely of the natural *Alkaline Waters*, possessing mildly diuretic properties, and suggests the "*Buffalo Lithia Water*."

Diseases Generally of Uric Acid Diathesis. Functional Albuminuria.

Dr. Allard Meminger, Professor of Chemistry, Medical College State South Carolina.

"I have used in my own case and prescribed for others *Buffalo Lithia Water* for *Uric Acid* trouble with excellent results, and I regard it as the *safest, surest and most agreeable way* of removing from the system this most pernicious derivative of *Urea, Uric Acid*, the retention of which in the system is followed by so many distressing symptoms, embracing *Gout, Calculi of the Kidney and Bladder, Herpetiform Neuralgic affections*, cases of *Mental Depression* and *Nervous Irritability* and *Nervous Asthma* caused by the irritating action of *Uric Acid* on the bronchial tubes."

Acid Dyspepsia, Gravel, Gout, Rheumatism, Nausea of Pregnancy, Uremic Poisoning complicating that Condition, Malarial Poisoning, Cutaneous Diseases, &c.

Dr. Wm. H. Doughty, Professor of Materia Medica and Therapeutics, Medical College of Georgia; Surgeon in charge of General Hospital, Confederate Army; Member of American Medical Association, &c.

"I prescribe the Buffalo Lithia Water with the utmost confidence in all forms of Indigestion, due to Chronic Catarrh of the Mucous Membrane, with excess of Acid; also in the secondary or symptomatic Dyspepsia of Uterine and Renal origin. It is the only reliable treatment known to me for the permanent relief of Gravel and the antecedent conditions that determine it. In Gout and Rheumatism, I regard it as a remedy of great value. Over the Nausea and Vomiting of Pregnancy, particularly in the latter months where Uremic conditions are possibly established, and in Puerperal Convulsions, Uremia co-existing, it often exerts marked control. In Hepatic Disorders, especially where attended with Jaundice or Biliary Calculi, it is an efficient remedy. In Genito-Urinary diseases, especially Catarrh of the Bladder in Females, I have found it very efficacious. Whenever Menstrual or Uterine disorders are produced or intensified by such a state of the Bladder, it becomes a valuable adjunct to other treatment. I have seen some very gratifying results from this Water in Chronic Cutaneous Diseases."

Gouty Diathesis.

Dr. Horatio C. Wood, Professor of Materia Medica, &c., in the Medical Department of the University of Pennsylvania, in the "Medical Times" of July 20, 1878.

"The Water of the Buffalo Lithia Springs, of Mecklenburg county, Virginia, was brought to our notice by a Baltimore physician, who had been relieved by its use of some very troublesome and alarming symptoms, believed to be due to an inherited Gouty Diathesis. Trial in one or two cases of inveterate Chronic Gout has afforded much satisfaction to us, free diuresis being provoked and followed by relief of symptoms."

Affections of the Kidneys and Urinary Passages, Albuminuria and Irritable Condition of the Bladder in Females.

Dr. Jos. Holt, New Orleans, President Board of Health, State of Louisiana.

"I have prescribed Buffalo Lithia Water freely in affections of the Kidneys and Urinary passages, particularly in Gouty subjects, in Albuminuria, and in irritable conditions of the Bladder and Urethra in females. The results have been such as to satisfy me of the extraordinary value of this Water in a large class of cases, usually most difficult to treat."

The Gouty or Uric Acid Diathesis, Affections Peculiar to Women, Acid Dyspepsia, Bright's Disease, &c. This Water a Nervous Tonic and Exhilarant.

Dr. Harvey L. Byrd, of Baltimore, President and Professor of Obstetrics and Diseases of Women and Children in the Baltimore Medical College, formerly Professor of Practical Medicine, &c.

"I have witnessed the best results from the action of the Buffalo Lithia Water, Spring No. 2, in Chronic Gout, Rheumatic Gout, Rheumatism, Gravel and Stone in the Bladder, and I do not hesitate to express the opinion that in all diseases depend-

ing upon or having their origin in *Uric Acid Diathesis*, it is unsurpassed, if, indeed, it is equaled by any water thus far known to the profession.

"In some of the *Affections Peculiar to Women*, in the sub-acute and chronic form, especially in *Leucorrhœa*, *Amenorrhœa*, *Dysmenorrhœa*, and *Cystirrœa*, I have in numerous cases found it highly efficacious. In *Cystirrœa* it may be regarded as *well-nigh specific*.

"I have prescribed this Water with the most satisfactory results, both as a *remedy* and *prophylactic* in the *Parturient* or *Pregnant* condition, for the relief of troublesome *vomiting* and the prevention of *Puerperal Eclampsia* or *Convulsions*; and I may say that I know of no remedy of equal efficacy with the Water of Spring No. 2 in *Sequelæ of Scarlatina*.

"It is an admirable general *Tonic and Restorative*, increasing the *Appetite*, promoting *Digestion*, and *invigorating the general health*. It is *powerfully Antacid*, and especially efficacious in what is commonly known as *Acid Dyspepsia*. It is strongly commended to a very large class of sufferers by a peculiar power as a *Nervous Tonic* and *Exhilarant*, which makes it exceedingly valuable, where there is nothing to contra-indicate its use, in all cases where *Nervous Depression* is a symptom.

"It has an *ascertained value* in *Bright's Disease*. A knowledge of its action in that disease thus far would seem to warrant the belief that it would, in many instances, at least in its *early stages*, *arrest it entirely*; and in its more advanced stages prove a *decided comfort and palliative*."

Stone in the Bladder, Phosphatic.

Dr. B. S. Hardy, Hookertown, Green Co., N. C.

"My son, a young man, suffered from *Stone in the Bladder*, of a *mixed character*, consisting chiefly of *Calcium, Carbonate and Phosphate*. After a persistent use of all remedies indicated in the case without benefit, I put him upon *Buffalo Lithia Water, Spring No. 2*, the use of which, for some six weeks, resulted in the passage, at short intervals, of *Gravel*, of small size, and at times of particles of *Sand*, followed, some time afterwards, by the discharge of a *Stone* weighing twelve grains (the largest, I am confident, I ever knew to pass through the *Urethra*), virtually ending his troubles, since which time any unpleasant symptom has been relieved by the use of the Water for a short time. Its action in this case has been indeed wonderful."

Gouty and Rheumatic Affections with Chronic Vesical Irritation.

Dr. D. C. Holliday, New Orleans, La., Ex-President New Orleans Surgical and Medical Association.

"I have obtained the best results from *Buffalo Lithia Water* in *Gouty and Rheumatic affections, with Chronic Vesical Irritation*."

Uric Acid Diathesis, Renal Congestion and Uremic Poisoning complicating Pregnancy.

Dr. Martin L. James, of Richmond, Va., Professor of Materia Medica and Therapeutics, Medical Society of Virginia.

[Proceedings of the Richmond, Virginia, Academy of Medicine, Dec. 16, 1880.]

"The President of the Academy, Dr. M. L. James, reported three cases of marked *Uric Acid Diathesis* successfully treated by the Water of Spring No. 2 of the *Buffalo Lithia Springs of Virginia*. In one of these patients there were, as results of this Diathesis, *Sandy Deposits in the Urine, Inflammation of the Kidneys, Irritability of the Bladder* and *Hæmaturia*, and finally the passage of a *Calculus* of the size of a cherry, formed on a blood-clot as a nucleus. In another case there were

frequent attacks of *Nephritic Colic*, attended by *Sandy Depositions* in the urine. After the free use of this Water in these cases, no further manifestations of the disorder occurred.

"Dr. James further reported a case of *Congestion* of the *Kidneys* in a lady eight months advanced in *Pregnancy*, attended by marked *Edema* both over the extremities and surface, and by *Uræmic Poisoning* to such an extent as very seriously impaired the vision of the patient, relieved by the free use of this Water for three weeks.

"Other remedies, he stated, were used in these cases, but the favorable results seemed clearly attributable to the action of the Water."

Gout, Lithiasis, Lumbago and Sciatica.

Dr. John R. Page, Professor Zoölogy, Botany and Agriculture at the University of Virginia, at one time Resident Physician, Hot Springs, Va.

"I have observed decided benefit from the use of the Buffalo Lithia Water in *Gout, Lithiasis, Lumbago, and Sciatica*, due to the same 'Materies Morbi,' and am fully satisfied of its great value in the treatment of all affections due to a *Gouty Diathesis*. Indeed, I have experienced very decided benefit from its use in *Gout* in my own person."

Chronic Affections of the Kidneys and Bladder.

Dr. W. H. Holcombe, New Orleans, La.

"I have in repeated instances found Buffalo Lithia Water a most valuable agent in the treatment of *Chronic Affections* of the *Kidneys and Bladder*."

Diseases of Uric Acid Diathesis.

Dr. Lewis D. Mason, of Brooklyn, New York, Professor of Surgery, Long Island Hospital Medical College.

"I have prescribed the Buffalo Lithia Water with very satisfactory results. In diseases, especially of the *Uric Acid Diathesis*, I regard it as a remedy of great power and excellence."

Chronic Diseases of Females. Affections of the Kidneys and Bladder, especially Hematuria.

W. F. Barr, M.D., LL.D., Member Medical Society of Virginia, Ex-President of the Abingdon and of the Southwest Virginia Medical Society, Corresponding Member of the Boston Gynecological Society.

"Experience in its use in a number of cases enables me to bear testimony to the virtues of the Buffalo Lithia Water of Mecklenburg county, Virginia, in *Chronic Diseases of Females* and in *Affections* generally of the *Kidneys and Bladder*. I have relieved cases of *Hematuria* with it that had resisted all remedies used and recommended by Practitioners and Standard Authors."

Lithic Acid Ills.

Dr. G. W. Lawrence, Resident Physician, Hot Springs, Ark.

"I prescribe Buffalo Lithia Water with great confidence in all *Lithic Acid Ills*. It is my habit when traveling to use this Water as a guarantee for getting a pure Water."

Suppression of Urine and Threatened Convulsions in Pregnancy.

Dr. Preston Roane, of Winston, N. C., Member Medical Society North Carolina.

"In a case of almost total *Suppression of Urine*, in a woman in the latter stages of *gestation*, with strong threatenings of *convulsions*, after exhausting, without effect, the most potent Diuretics of *Materia Medica*, I put her upon the Buffalo Lithia Water, Spring No. 2, half a gallon a day, which produced a copious action on the *Kidneys*, and was followed by relief of the alarming symptoms. I attributed the safe termination of the case entirely to the use of this Water."

The Gouty Diathesis, Chronic Inflammation of the Bladder, &c.

Dr. Alexander B. Mott, of New York, Professor Surgery Bellevue Hospital Medical College, Surgeon Bellevue Hospital.

"I have made sufficient use of the Buffalo Lithia Water to be satisfied that it possesses very valuable *therapeutic* properties. In the *Gouty Diathesis, Chronic Inflammation of the Bladder*, and other diseases affecting the *Urinary Organs*, it may be relied on to give the most satisfactory result."

Gout.

Dr. John T. Metcalf, of New York, Emeritus Professor of Clinical Medicine, College of Physicians and Surgeons, New York.

"I have for some years prescribed the Buffalo Lithia Water for patients, and used it in my own case for *Gouty* trouble, with decided beneficial results, and I regard it certainly as a very valuable remedy."

Nausea and Uræmic Poison of Pregnancy.

Dr. Caleb Winslow, 23 McCulloh Street, Baltimore, Member of the Medical and Surgical Faculty of Maryland.

"I have found the Buffalo Lithia Water, Spring 'No. 2,' of marked service in relieving the *Nausea of Pregnant Women*. I frequently resort to it at intervals during the whole course of *Pregnancy*. Being *antacid, laxative, diuretic and tonic*, it seems well adapted to relieve the disturbances usually attendant upon *Gestation*, and I have no doubt its free use might remove *Uræmic Poison*, and prevent *Convulsions* produced thereby."

Albuminuria and Nausea of Pregnancy.

Dr. G. A. Foote, of Warrenton, North Carolina, Ex-President State Medical Society. Member of the Board of State Medical Examiners, and Member of the State Board of Health.

"I have frequently used the Buffalo Lithia Water (Spring No. 2) in the *Albuminuria* attending *Pregnancy*, and I have no hesitancy in saying that I regard it as the most efficacious remedy I have ever prescribed for this malady. I have also prescribed it, and am now using it, in the *Nausea of Pregnancy*, with marked and gratifying results."

Rheumatism, Gout, Nephritic Colic, Acid and Nervous Dyspepsia, Chronic Alcoholism, Scarlet Fever, &c.

Dr. G. W. Semple, Hampton, Va., President Medical Society of Virginia.

"I have a large and favorable experience with the Buffalo Lithia Water, Spring No. 2. I have prescribed it with highly beneficial results in many cases of *Chronic Rheumatism*, and have known it to give marked relief in *Rheumatic Gout*, causing the absorption of deposits of *Urate of Soda*.

"It has proved particularly valuable as a *Prophylactic* in all of many cases in which I have prescribed it of *Nephritic Colic*, and I have myself derived great benefit from its use in the relief most promptly of several attacks of *Gravel*.

"In *Acid and Nervous Dyspepsia* it is a remedy of remarkable efficiency.

"I regard it as exceedingly valuable in the treatment of *Chronic Alcoholism*.

"It not only effectually eliminates *Alcohol* and effete matters, but at the same time meets other important indications.

"It relieves the *Irritable Stomach*, increases the appetite, promotes digestion and assimilation, and gives tone to the shattered *Nervous System*.

"In *Scarlet Fever* I have known it restore a healthy and abundant secretion of *Urine* when it was highly charged with *Albumen* and the secretion almost suppressed."

Rheumatism of the Arthritic Form, Bright's Disease of the Kidneys, Dropsy in Pregnancy, &c.

Dr. L. S. Ordway, St. Louis, Mo., Recently Resident Physician, Hot Springs, Ark.

"I have used Buffalo Lithia Water, Spring No. 2, very extensively and successfully in my practice, in cases of *Rheumatism of the Arthritic form*, especially when complicated with weak inactive *Kidneys*, with inclination to *Bright's Disease*. I have also found it an efficient remedy in *Dropsy attending Pregnancy*."

Hæmaturia or Hemorrhage from the Bladder.

Dr. E. M. Campbell, of Abingdon, Va., Member of the Medical Society of Virginia.

"The most aggravated case of *Hæmaturia* which I ever saw was relieved by the Buffalo Lithia Water, after an entire failure of the treatment usual in such cases.

"In affections, generally, of the *Kidneys* and *Bladder*, I must regard it as a remedy of great value."

Dyspepsia, Nervous Prostration, &c.

Dr. S. S. Keeling, Norfolk, Va., Member Medical Society of Virginia.

"In cases of *Atonic Dyspepsia* with *Acidous Fermentation* and great irritability of *Stomach*, nausea, vomiting, &c., attended with general *Nervous Prostration*, I have known perfect relief afforded by the use for a few months of Buffalo Lithia Water, Spring No. 2, after an entire failure of the most approved remedies of *Materia Medica*. In all disorders of the *Stomach* with marked excess of acid its action will be found surprisingly happy. Its *Nerve Tonic* Properties are unmistakable and it will be found very serviceable in all depressed conditions of the *Nervous System*, especially when there is any tendency to *Hypochondriasis*."

Bright's Disease of the Kidneys, Chronic Catarrh of the Bladder and Uric Acid Calculi.

Dr. R. D. Buskerville, Lombardy Grove, Va., Member Medical Society of Virginia.

"I have prescribed Buffalo Lithia Water, Spring No. 2, with decided beneficial results in both forms of *Chronic Bright's Disease of the Kidneys*. In a case of *Acute Parenchymatous Nephritis*, occurring in a lad 14 years old—the first stage of *Bright's Disease* of some writers, 'the large smooth Kidney' of English authors—the urine gave a faint acid reaction, specific gravity 1006, and contained about three per cent of Albumen, *adema of the feet and legs extending to the knees, face puffed almost beyond recognition and considerable effusion in the great cavities.* Buffalo Lithia Water, Spring No 2, was ordered at once and *in twelve days the dropsy was entirely relieved*, the specific gravity had risen to 1012 and the Albumen had disappeared to a mere trace; the Water was continued for a few weeks and the patient was entirely well and has remained so to this time, a period of more than ten months.

"In a case of *Chronic Catarrh of the Bladder*, in a lady fifty years old, due to the presence of *Uric Acid Calculi*, which were passed almost daily, *aggregating over one hundred Stones*, varying in size from a grain of wheat to that of a small pea, after the failure of other treatment, Buffalo Lithia Water, Spring No. 2, was directed, which gave her immediate relief, and its persistent use for a few months effected a cure, and now at the end of four years she declares herself well."

This Water a Powerful and Permanent Nerve Tonic. Its Action in Paralysis.

Dr. M. H. Houston, Physician to Randolph Macon College, Ashland, Va., Member Medical Society of Virginia.

[Extract from communication in the *Virginia Medical Monthly*, of February, 1878, on the "Medicinal Properties and Uses of the Buffalo Lithia Water."]

"Having had an opportunity of watching very closely the action of the Lithia Water in numerous cases which have fallen under my observation, I am prepared to impute to it one quality, at least, to which, it strikes me, sufficient attention has not been heretofore directed. *I allude especially to its power as a gentle excitant of the nervous system, and as a powerful and permanent Nerve Tonic. To this peculiar property I am disposed to attribute much of its efficacy in the relief of many chronic diseases.* Other mineral waters, with exhilarating properties, are sparkling in their appearance, and their exciting qualities are due to the gases which are disengaged, and which are, consequently, evanescent in their effect. The Lithia Water is without such impregnation of gases, and its effects are much more permanent.

* * * * *

"Its effects in improving and restoring the organic sensibility of the entire intestinal track were strikingly illustrated in one of the cases under my immediate observation, in which there was almost entire *Paralysis of the rectum.* The rectum itself was distended into a sac, in which fecal accumulations took place to an extent that rendered it necessary to use mechanical means for their removal. Under a continuous use of the Water, the sensibility was restored to a considerable extent; tonic contraction of the disturbed bowel took place, and its contents were expelled, with very slight assistance, from the use of simple water."

Acid Dyspepsia, Torpor of the Liver, Rheumatic Affections, &c.

Dr. Henry C. Houghton, Aural Surgeon in the New York Ophthalmic Hospital for Eye and Ear, cor. 3d Avenue and 23d Street.

"From a personal test of the Buffalo Lithia Springs' Water, No. 2, I am prepared to commend it as a most valuable remedial agent in *Dyspepsia*, especially that

form of it which causes functional disturbances of the heart, the symptom being as serious an element of the suffering as the burning, the *Acid Eructation*, etc. — the strictly *Gastric* symptoms. I found prompt and marked relief from both *Cardiac* and *Gastric* troubles. In *Torpor* of the *Liver* and *Intestines*, it acts most happily, being peculiar in this, that its purgative action is not followed by the sense of prostration attending the similar action of other mineral waters. I found it a very powerful *Diuretic*, and affecting both the color and the specific gravity of the urine. It is a decided stimulant, and its excessive use causes erethism of the entire system. The special sphere of its action would seem to be the *Sexual Functions*. *Rheumatic* pains and tension of the various joints are relieved by the prolonged use of this Water."

Malarious Fevers and their Cachexia and Sequels.

Dr. J. T. Atterbury, of Estell, Miss.

"I have for some time made use of the Buffalo Lithia Water in my practice, and have found it an invaluable agent in the treatment of *Malarious Fevers*, and their *Cachexia* and *Sequels*, in all their varied forms. Indeed, I have found it well-nigh specific in diseases of this character, and I believe that persons residing in the most malarious districts might find immunity from *Malarious Fevers* and their attendant evils from the use of this Water."

Uræmic Poisoning in Pregnancy.

Dr. Henry Carpenter, Lancaster, Pa.

"I have found Buffalo Lithia Water, Spring No. 2, highly efficacious in *Uræmic Poisoning* supervening confinement."

Diseases of the Uric Acid Diathesis, Affections of the Uterine and Urinary Organs, Sterility in Women, and Impotency in Men, Malarial Poisoning, Indigestion, Diabetes Mellitus, &c.

The late Dr. Wm. F. Carrington, Resident Physician, Hot Springs, Arkansas, Surgeon (retired) U. S. Navy, Surgeon Confederate States Navy, Medical Director Army of Northwestern Virginia.

"The Buffalo Lithia Water, Spring No. 2, has signally demonstrated its remedial power in *Gout*, *Rheumatism*, *Uric Acid Gravel*, and other maladies dependent upon the *Uric Acid Diathesis*.

"It not only eliminates from the blood the deleterious agent before it crystallizes, but dissolves it in the form of *Calculi*, at least to a size that renders its passage along the *ureters* and *urethra* comparatively easy.

"I am able to attest its beneficial effects in all and its positive curative virtues in many of the *Affections* of the *Mucous Membrane*, as well as *Functions* of the *Urinary* and *Uterine Organs*. Even in the mechanical derangement of *Prolapsus Uteri*, it often relieves by its tonic power, re-establishing the general health; relieving, where caused by those affections, *Sterility in Women*, *Impotency in Men*. In *Diabetes Mellitus*, I have no experience in its use, and cannot give the rationale of its action in such cases. There is, however, satisfactory evidence that it is a remedy of decided value in the treatment of this distressing malady. In all *Malarial Poisoning* it enjoys a deservedly high reputation as a curative agent. It increases the appetite, promotes digestion, neutralizes acid, and is highly beneficial in some forms of *Dyspepsia*."

Gouty and Rheumatic Affections.

Dr. F. Loeber, New Orleans, La., Surgeon Touro Infirmary.

"I have made use of Buffalo Lithia Water with excellent results in *Gouty and Rheumatic affections.*"

Uric Acid Calculi. Power of this Water as an Anti-Acid. Affections Peculiar to Women, Nervous Disorders, Chronic Malarial Poisoning, &c.

J. D. Eggleston, Hampden Sidney, Va., Member Medical Society of Virginia; stated by himself.

"The action of the Buffalo Lithia Water in the so-called *Uric Acid Diathesis* is especially happy.

"I had a very gratifying experience in a case of Calculi in the Bladder, of Uric Acid variety, in my own person. Between February 1st and May 1st, 1881, I had thirty attacks of great severity, passing in each one of them a number of Calculi, aggregating 165. Finding no permanent benefit from any treatment of the profession, I made a visit to the Buffalo Lithia Springs. The happy adaptation of this Water to my condition was soon evident, and its use for a few weeks *arrested the Calculus formation and resulted in my entire relief*, which I have reason to hope is permanent, *as more than a year has elapsed since there has been any manifestation of the trouble.*

"This Water promotes Digestion, relieves Nausea and Acid Fermentation and in disordered conditions of the digestive organs is a remedy of uniform adaptation and unsurpassed excellence, and especially serviceable in cases characterized by fermentative changes.

"I have found it valuable in diseases of the Uterine System, Nervous Disorders and in Chronic Intermittent and Remittent Fevers. It is especially valuable in *obstinate Female constipation.*"

Scarlet Fever, Renal Affections, &c.

Dr. J. P. Davison, New Orleans, La., Ex-President New Orleans Surgical and Medical Association.

"I have for several years prescribed 'Buffalo Lithia Water,' Spring No. 2, in all cases of *Scarlet Fever*, directing it to be drunk *ad libitum*, with the effect of relieving all traces of albumen in the urine, and have found it equally efficacious in renal diseases requiring the use of alkaline water."

Uric Acid Diathesis, Gravel, Gout, Eczema, &c.

Dr. J. S. Wellford, Professor of Diseases of Women and Children, Medical College of Virginia.

"I have paid a great deal of attention to *Urinary Troubles*, and have frequently and freely prescribed the Buffalo Lithia Water in their treatment, *with the very best results*. In all the various forms of the *Uric Acid Diathesis*, whether as well-formed *Gravel, Gout*, or in the milder forms of *Gouty Dyspepsia* or *Nettlerash* in their varieties, I know of no Mineral Water which I consider at all equal to that of Spring No. 2.

"In many *Skin Diseases* of old age, dependent on the *Uric Acid Diathesis*, such as *Eczema, &c.*, this Water acts most beneficially."

Gout.

Dr. T. B. Buchanan, Resident Physician, Hot Springs, Ark.

"Send me five cases Buffalo Lithia Water, Spring No. 2. I have made use of this Water for *Gout* in my own person and prescribed it for patients similarly suffering with the most decided beneficial results. I take pleasure in advising *Gouty patients to these Springs.*"

Gouty and Rheumatic Affections.

Dr. Charles B. Nancrede, Surgeon to the Episcopal Hospital and St. Christopher's Hospital, Philadelphia.

Dr. Nancrede, in the "International Encyclopædia of Surgery," edited by Dr. John Ashhurst, Jr., Professor of Clinical Surgery in the University of Pennsylvania, upon the subject of the treatment of *Gouty and Rheumatic Affections*, advises among other remedies "the natural *Alkaline waters*," and expresses the opinion that the *Buffalo Lithia Water* is one of the best *Alkaline waters* of this country, and adds the following:

"The only natural water used at the patient's house, of which I have any experience, is the *Buffalo Lithia Water*, which I have used with undoubted advantage in my own person. It should be taken in large quantities and for a long time."

Gout, Rheumatism, Uric Acid Calculi, Gouty Dyspepsia, Uræmic Conditions in Women.

Dr. T. Griswold Comstock, A.M., M.D., St. Louis, Mo.

"I have often prescribed the Buffalo Lithia Water in *Gouty and Rheumatic Conditions* and in *Renal Calculi*, accompanied with *Renal Colic*, and always with the most satisfactory results. In *Renal Calculi*, where there is an excess of *Uric Acid*, it is especially efficacious. In *Gouty Dyspepsia* I have known its action very happy. I have made use of it in Gynecological practice in Women suffering from *Acute Uræmic Conditions* with results, to say the least, very favorable."

Rheumatism, Gout, Rheumatic Gout, Nephritic Colic, &c.

Dr. Algernon S. Garnett, Surgeon (Retired) U. S. Navy, Resident Physician, Hot Springs, Ark.

"My experience in the use of Buffalo Lithia Water is limited to the treatment of *Gout, Rheumatism*, and that hybrid disease, '*Rheumatic Gout*' (so-called), which is in contradistinction to the *Rheumatoid Arthritis* of Garrod.

"I have had excellent results from this Water in these affections, both in my own person, and in the treatment of patients for whom I have prescribed it. Of course the remedial agent is its contained *Alkalies* and their solvent properties.

"Hence it is a prophylactic as well as a remedy in *Nephritic Colic* and forming *Calculi*, when due to a redundancy of *Lithic Acid.*"

Albuminuria of Scarlet Fever.

Extract from Communication of Dr. C. W. P. Brock, of Richmond, Va. (Member Medical Society of Va.), in the "Virginia Medical Monthly" for November, 1878.

"During the epidemic of *Scarlet Fever*, which has been prevailing for a year in this city, and is yet scarcely ended, I have been giving my patients Buffalo Lithia

Water *ad libitum*, and to the exclusion of all water for drinking purposes. In no case since I have pursued this course have I seen even a trace of albumen in the urine of *Scarlatinal* patients, either during the attack or the convalescence. With this experience in a number of cases, and hearing of favorable results in the practice of other physicians in this city who have used the same means, I have thought it worthy of note in your journal. If this result is *proctor hoc*, we are enabled to rid *Scarlet Fever* of one of its most dangerous concomitants."

Solvent Power of this Water in Stone in the Bladder, Bright's Disease of the Kidneys, &c.

Dr. Jno. W. Williamson, Boydton, Va.

"I have treated two cases of *Stone in the Bladder (Uric Acid)* with Buffalo Lithia Water, Spring No. 2. In both of these cases, after a protracted use of the Water, there was for some time an occasional discharge of a number of small *Calculi*, resulting in the permanent relief of the patient. Was not this discharge of small *Calculi* the effect of the Solvent power of the Water over a larger formation? A member of my family suffered from well defined *Bright's Disease of the Kidneys*, resulting in *Uræmic Poisoning*. After a signal failure of every remedy suggested by several eminent medical men, and when the condition of the patient was regarded as well nigh hopeless, trial was made of Buffalo Lithia Water, Spring No. 2. The result was relief from the threatening symptoms so prompt and decided as to be almost incredible to any but an eye-witness. The continued use of the Water for several months resulted in a complete recovery. Several years have now elapsed and there has been no return of the disease."

Gout, Rheumatic Gout, Rheumatism, Dyspepsia, Calculous Affections, &c.

Dr. T. J. Reid, Chicago, Fifteen Years Resident Physician, Hot Springs, Arkansas.

"In my experience Buffalo Lithia Water is a valuable adjunct to the physician in the treatment of *Calculous* affections, *Gout, Rheumatic Gout, Rheumatism* and especially in the cachexia of *Scrofula, Syphilis* and *Phthisis Pulmonalis*, commonly known as *Consumption*. It cures *Gonorrhœa* and many diseases of the *Genito-Urinary* organs, and leaves no dangerous or unpleasant sequelæ. For *Malaria* in its protean forms, it is especially valuable, and in a very large number of cases accomplishes wonderful results without other medication.

"I have used it in a case of *Dyspepsia* in my own person and prescribed it for others suffering from the same malady with excellent results. It is a valuable tonic alternative for the Blood, and its range covers the entire practice of the physician. I regard it as an essential part of *Materia Medica*, and prescribe it as often as any other potent drug. As a *Diuretic* it has no equal. Comparison of these Waters with those of any other so-called Lithia Springs cannot fail to demonstrate the great superiority of the Buffalo Lithia Water."

Dr. G. C. Moore, St. Johns, N. O.

"Some years since I had a sudden attack of *Nephralgia Calculosa*. The attack was followed by lateritious deposits in the urine for some days. The disease returned at short and shorter intervals until it was almost continually present, pain extending from the region of the kidneys around the crista of the ilium and down the course of the ureter to the bladder—the bladder irritable and intolerant, and all the symptoms indicating, as I concluded, incurable disease in the urinary organs. In the meanwhile I was taking *Buchu* and the *Alkaline Carbonates* to soothe irritation and neutralize excess of *Acid Secretion*. In this condition my attention was called to the newly-discovered Buffalo Lithia Water, Spring No. 2, and I determined upon a trial

of it. Its beneficial influence was soon unmistakable, my pains all subsided, intolerance and irritability disappeared, and my health was so far restored that I entered again on an active practice of medicine."

Gastric Irritability Superinduced by Pregnancy.

Dr. Roy B. Scott, Trinity Mills, Dallas County, Texas.

"A lady in three pregnancies suffered from extreme *Gastric Irritability*, so much so in two of them as to result in the birth of seven-month children; in the third the symptoms were much more aggravated, and such as to excite serious apprehension as to the life of the patient.

"After using, without a palliation of her sufferings, all the well-recognized agents of the *Materia Medica*, I put her upon the Buffalo Lithia Water, Spring No. 2, which afforded prompt and permanent relief, its continuous use enabling her to carry the fetus to its full time."

Stone in the Bladder (Lithic Acid) and Hemorrhage from the Bladder.

Dr. J. B. Jones, Charlotte, N. C., Member Medical Society of North Carolina.

"Mrs. ——— suffered with *Stone in the Bladder*, composed of alternate concentric layers of *Calcareous matter* and *Lithic Acid*, attended with occasional alarming *Hemorrhage* from the Bladder.

"In a critical condition I prescribed for her Buffalo Lithia Water, Spring No. 2, the continuous use of which *arrested the formation of Stone*, and diminished both the frequency and the violence of the *Hemorrhage*.

"I have frequently prescribed this Water in chronic affections of the *Kidneys* and *Bladder* with the best results, and in such cases I regard it a remedy of greater potency than any mineral water of which I have any knowledge. *In all irritable conditions of the Urinary Passages it will be found highly beneficial.*"

"Irritable Bladder" Accompanying Gravid Uterus.

Dr. W. M. Wright, Huntingdon, Tenn.

"I have found the Buffalo Lithia Water, Spring No. 2, a remedy of wonderful efficiency in cases of '*Irritable Bladder*' accompanying *Gravid Uterus*."

Dr. J. M. Keating, Philadelphia.

"I have witnessed excellent results from *Buffalo Lithia Water*, Spring No. 2, in the *Gouty Diathesis*. I use this Water largely in my practice, especially amongst that class of men, both overfed and overworked, who take but little exercise, and find it very valuable."

Biliary Calculi.

Dr. H. M. Clarkson, Fauquier City, Va., Member Medical Society of Virginia.

"I have had the most satisfactory evidence of the value of Buffalo Lithia Water in *Biliary Calculi*."

Rheumatic Gout, Partial Paralysis, Dropsical Effusion, &c.

Dr. James Beale, Richmond, Virginia, Member of the Medical Society of Virginia.

"In my own family the use of the Buffalo Lithia Water, Spring No. 2, has exercised the most beneficial influence. Mrs. Beale commenced the use of this Water after a confinement of eighteen months to her room from attacks of RHEUMATIC GOUT, which had brought on a PARALYSIS of the lower extremities and of her right hand. Latterly, this condition of things was succeeded by DROPSICAL EFFUSION in both limbs, rendering locomotion impracticable without assistance. Since using the Water, which she has done for several months at home, the DROPSICAL EFFUSION has disappeared. She walks without assistance and writes legibly, previously having been compelled to employ an amanuensis. I have witnessed other remarkable results from the action of this Water in GOUTY AFFECTIONS, and in this malady, and in all cases of URIC ACID DIATHESIS, I regard it as invaluable."

This Water a Powerful Agent for the Removal of Vesical Calculi, Bright's Disease of the Kidneys, Renal Affections of Scarlet Fever, Acid Dyspepsia, &c.

Dr. Thomas P. Atkinson, formerly of Danville, Va., at one time President Medical Society of Virginia.

* * * * *

"Experience has proved the Buffalo Lithia Water to be a powerful agent for the removal of *Vesical Calculi*.

"It has been found especially efficacious in the *Uric Acid* variety.

"Its beneficial results, however, in *Uric Acid Calculi* are not restricted to the removal by means of *solution or disintegration of Calculi* which have been already deposited, but it not unfrequently so corrects the constitutional tendency to excess in the production of *Uric Acid*, or of any other acid which may have the property of precipitating it from its solution, as to prevent further deposition. It has in some cases proved an efficient remedy in effecting the solution and preventing the deposition of the *Phosphatic* as well as the *Uric Acid* sediment.

* * * * *

"When used at an early stage, while enough of the renal structure remains to answer the purpose of purifying the blood, it is of decided efficacy in *Bright's Disease of the Kidneys*, and indeed, in some cases where the destruction of the *Kidney* has been greater, its use has resulted in partial restoration and prolongation of life.

* * * * *

"In the *Renal Affections* which so often commence in the declining period of *Scarlet Fever*, or during convalescence, the action of this Water has proved in a remarkable degree beneficial. Its use throughout the course of this disease will be found in many cases a *preventive of Albuminuria and Dropsy*.

* * * * *

"In *Functional Dyspepsia* where there was *Acid Fermentation*, the *Stomach* in a highly irritable condition rejecting everything in the way of medicine, food or drink, I have known Buffalo Lithia Water, Spring No. 2, to promptly correct the *Acid secretion*, allay the nausea and gradually restore perfect digestion. Its action is especially happy where *Nervous Prostration* is a prominent symptom."

Dr. G. W. Pope (Homœopathic), Washington, D. C.

"I have prescribed the Buffalo Lithia Water in cases of *Lithiasis* and *Chronic Rheumatic Affections*, accompanied by *Deposits* of *Urates* of *Soda*, and generally with excellent results. In one case of *Heart Disease*, with *Aortic Obstruction* and consequent regurgitation, caused by *Calcareous Concretions* upon the *valves*—and which case was associated with a marked *Lithic Acid Diathesis*—the Buffalo Lithia Water, in tumblerful doses, thrice daily for a week or two at a time, had a most happy effect in clearing up the urinary deposits, and placing the patient, in respect both to the frequency and severity of the Cardiac attacks, in a much better condition than formerly. *It was given during many attacks, and always with unmistakably good results.*"

Uræmia.

Dr. B. F. Hopkins, of the Warm Springs, Va., Member Medical Society of Virginia.

"Miss C——, twenty years of age, was prostrated by a severe attack of *Typhoid Fever*, which was followed by *Uræmia* developing itself at the expiration of two months. The attendant symptoms were such as to excite serious apprehension and proved wholly unamenable to the treatment indicated in the case; the patient grew gradually worse, until I regarded her condition as hopeless. At this time a friend of the young lady suggested the Buffalo Lithia Water. Satisfied that no injury could result from its use, I gladly adopted the suggestion. The result was matter of equal gratification and astonishment. Under the influence of the Water the *Kidneys* promptly resumed a healthy action, the *drowsiness* disappeared, and in two weeks the patient was up and walking about the house, which she had not been able to do before for several months, and her improvement continued until she was in usual health."

Gouty Diathesis, Stone in the Bladder (Uric Acid), Bright's Disease.

Dr. David E. Smith, of Bronxville, Westchester, N. Y.

"Mrs. —— was subject to severe attacks of *Gout*, a consequence of an inherited *Gouty Diathesis*, followed after some time by *Stone in the Bladder*. The limbs were very *Edematous*, so much so as to pit readily on pressure with the finger, leaving an indentation long after its removal. The Urine was loaded with *Urates* and 25 per cent *Albumen*, and the microscope revealed *Casts*, showing unmistakably, as I thought, *Bright's Disease of the Kidneys*. I prescribed the Buffalo Lithia Water, Spring No. 2, which afforded prompt relief in the *Gouty Affection*, and resulted, in a few weeks, in the passage of a *Stone* $\frac{3}{4}$ of an inch long by $\frac{1}{4}$ of an inch in diameter. Under the continued use of the Water the Urine has been relieved of *Albuminous Impregnations*, and restored to a normal condition, no *Casts* can be discovered, the *Edematous* condition of the limbs has been relieved and the general health of the patient, to a great extent, restored."

Inflammation and Ulceration of the Bladder.

A Case stated by Dr. T. B. Greer, of Rockymount, Franklin County, Va., Member of the Medical Society of Virginia.

"I have recently had occasion to try the Buffalo Lithia Water, Spring No. 2, in a case of *Inflammation and Ulceration of the Bladder*, caused by *Retention of Urine*, the result of *Stricture of twenty years' standing*. When my patient commenced the use of it, I regarded his case as *beyond the reach of remedies*. The action of the Water was marvelous, and he made a complete recovery."

Stone in the Bladder (Uric Acid) "Destroyed by the action of the Water by means of Solution or Disintegration."

Dr. B. J. Weistling, Middletown, Pa.

"Experience in its use in *Stone of the Bladder* in my own person enables me to attest the efficacy of the Buffalo Lithia Water in this painful malady. After having been long subjected to sufferings, the intensity of which cannot be described. I have, under the influence of this Water, passed an ounce of *Calculi (Uric Acid)*, some of which weighed as much as four grains, affording inexpressible relief and leaving me in a condition of comparative ease and comfort.

"On one occasion I passed thirty-five *Calculi* in forty-eight hours. The appearance of this *Calculus Nuclei* indicates unmistakably, I think, that they were all *component particles of one large Calculus, destroyed by the action of the Water, by means of solution and disintegration.* At my advanced period of life (I am seventy-seven years and six months of age), and in my feeble general health a surgical operation was not to be thought of, and the Water seems to have accomplished all that such an operation, if successful, could have done. Besides greatly increasing the quantity of the Urine, this Water *exerts a decided influence on its chemical constitution, rendering it rapidly neutral, if previously acid, and afterwards alkaline; from being high-colored it becomes pale, and having deposited copiously it becomes limpid and transparent.*"



The above plate is from a photograph and represents the exact size and shape of some of the *Calculi* passed by Dr. Weistling. They were preserved by his son, Dr. J. Weir Weistling, to whom we are indebted for the photograph.

Stone in the Bladder of the Triple-Phosphate of Ammonia and Magnesia Variety.

Dr. James Shelton, residing near the Buffalo Lithia Springs, Va.

"The case of Mr. B——, of Fulton, Ky., a recent visitor at the Buffalo Lithia Springs, furnishes, I think, satisfactory evidence of the *Solvent* power of the Water of Spring No. 2 in certain varieties of *Stone in the Bladder.*

"He informed me that he had been for a number of years subject to attacks from which he was occasionally relieved by the passage of *Stone*, some of them

weighing as much as six grains. It was evident that his general health was greatly impaired. Several years previous to his visit to the Springs he had used this Water at home, and as the result of its action discharged a number of small *Calculi*. Notwithstanding this fact, however, there was about this time such aggravation of his general condition that by the advice of his medical attendant he abandoned the use of the Water.

"It subsequently proved, however, that its action had been most beneficial, as he enjoyed long afterwards immunity from these attacks. The protracted use of the Water at the Springs was followed for some time by a free discharge of small *Calculi*, the quantity exceeding *three ounces*, which proved to be of the *Triple-Phosphate of Ammonia and Magnesia Variety*.

"Before his departure this *Calculus* discharge ceased, and he left the Springs apparently free from disease, and with his general health restored, having especially gained largely in flesh."

Nausea and Albuminuria of Pregnancy, Diseases of the Uterine System, Nervous Exhaustion, Uric Acid Diathesis, &c.

Dr. P. W. Young, of Oxford, North Carolina, Member Medical Society North Carolina, Member American Medical Association.

"Buffalo Lithia Water possesses, in an eminent degree, the power of allaying *Nausea and Gastric Distress*. While in the *Nausea of Pregnancy* all remedies act with great uncertainty, the most satisfactory results which I have obtained from any remedy in this condition have been from this Water. I recommend it with much more confidence, however, and have seen results much more remarkable from it in the latter months of *Pregnancy*, when there is *Edema* from imperfect action of the kidneys, and when *Albumen* is present in the urine. Its action in this condition of the system prevents *Puerperal Convulsions*.

"In many Diseases of the *Uterine System*, especially in *Suppressed* and in *Difficult and Painful Menstruation*, it is an efficient remedy. It is a decided *Brain Stimulant*, and in *Nervous Exhaustion* or *Depression* from over-mental labor or anxiety it is an invaluable restorative. In *Gouty, Rheumatic and Renal Affections* I have witnessed extraordinary results from this Water. When myself prostrated by a *Gouty Affection* of the *Stomach* and in such a condition that I scarcely hoped ever to be able to resume professional life, the use of this Water for some weeks at the Springs, and for some time afterwards at home, restored me to vigorous health and enabled me to enter actively upon the labors of my profession. In diseases generally of *Uric Acid Diathesis* I regard this Water as par excellence a remedy."

Gouty, Rheumatic and Renal Affections.

Dr. J. Montfort Schley, Surgeon to New York Ophthalmic Hospital, &c.

"I have prescribed Buffalo Lithia Water in my practice (Private) for several years with the greatest satisfaction in *Gouty and Rheumatic Affections* and in *Cutarrh of the Bladder*. I know of no Water of equal value in *Gouty Affections*."

Uric Acid Gravel.

A Case stated by Dr. Hasford Walker, of Georgetown, S. C.

"Mr. George C. Congdon, of this place, suffering from *Uric Acid Gravel*, has been under my treatment for some time past. He had as many as six separate attacks (all of them of very great severity), between June the 28th and July the 16th, a space of eighteen days. He declined in flesh and strength rapidly, and to such an

extent as to excite serious apprehensions as to the result. Having exhausted the most approved remedies of *Materia Medica* without beneficial results, I prescribed for him, as a last resort, Buffalo Lithia Water, Spring No. 2, with the happiest effects. In a very short time after beginning its use, he passed a *Calculus* of about six grains in weight, has not been troubled since, and is now, to all appearance, entirely well."

*Dropsy.**

Case of Mr. L., stated by Dr. James North, No. 2018 N. Twelfth St., Philadelphia.

[Extract from Letter dated Philadelphia, September 24th, 1877, referring to several cases relieved by these Waters, which had attracted the attention of Dr. North, on a then recent visit to the Springs.]

"Mr. L., an old gentleman, who appeared to be upwards of seventy years of age, a case of *Dropsy*; was extremely feeble and much swollen; his feet so much so that he could not wear his shoes. Under the influence of the Waters the effusion rapidly subsided, and his limbs were reduced to their natural size. Before leaving the Springs he was walking actively about the grounds, and in good health for one of his years."

* The case of *Dropsy* referred to by Dr. North in the foregoing statement was *Dropsy* associated with *Bright's Disease of the Kidneys*.

Spasmodic Irritation of the Bladder.

Case stated by Drs. W. G. Jeffries and Wm. J. Newbill, of Essex County, Va.

"In a case of *Spasmodic Irritation of the Bladder*, attended with agonizing suffering, after exhausting the usual remedies in a very bold manner without effect, we prescribed the Buffalo Lithia Water, Spring No. 2. Within eighteen hours after commencing the use of it the patient began to improve, and the continued use of the Water soon resulted in entire relief, and, though some eighteen months have now elapsed, there has been no return whatever of the disease."

Malarial Poisoning.

Dr. Z. M. Paschall, Oxford, N. C., Member Medical Society N. C.

"In nothing is the action of the Buffalo Lithia Water more remarkable than in that long catalogue of ills coming under the head of *Malarial Poisoning*, and I have no hesitation in expressing the opinion founded upon a professional acquaintance of nearly half a century with the most noted mineral springs of the country, that as a medicinal agent in this class of disease it is incomparably superior to any other mineral water of which I have any knowledge. In *Chronic Intermittent* and *Remittent Fevers* it is especially efficacious, and it is by no means of unusual occurrence that sufferers from these maladies find relief from a visit to these Springs after a failure of all the ordinary resources of *Materia Medica*."

Bright's Disease of the Kidneys.

Dr. J. Weir Weistling, of Middletown, Pa.

"Suffering from *Acute Bright's Disease*, a heavy percentage of *Albumen* in the Urine and *Tube Casts* in quantity, with a tendency to *Coma*, and my general health

seriously failing, my father, Dr. B. J. Weistling, who had derived the most signal benefit from its use in *Stone* in the *Bladder*, urged me to make trial of Buffalo Lithia Water, which I did with the happiest results. Under its influence my distressing symptoms soon disappeared and my general health greatly improved. After a lapse of several years I am in comfortable health and attribute my existence to the remarkable remedial power of this Water."

SPRING NO. 1.

TESTIMONY OF PHYSICIANS REFERRING EXCLUSIVELY TO THE ORIGINAL BUFFALO SPRING, NOW KNOWN AS SPRING NO. 1.

This Water Compared with that of the Celebrated White Sulphur Springs in Greenbrier County, West Virginia. Its value in Malarious Fevers, Affections Peculiar to Women, Atonic Dyspepsia, &c.

Dr. Wm. T. Howard, of Baltimore, Professor of Diseases of Women and Children in the University of Maryland.

Dr. H. attests the common adaptation of this Water in "a wide range of cases," with that of the far-famed White Sulphur Springs, in Greenbrier county, West Virginia, and adds the following:

"Indeed, in a certain class of cases, it is much superior to the latter. I allude to the abiding debility attendant upon the tardy convalescence from grave acute diseases; and more especially to the *Cachexia* and *Sequels* incident to *Malarious Fevers*, in all their grades and varieties, to certain forms of *Atonic Dyspepsia*, and all the *Affections Peculiar to Women* that are remediable at all by mineral waters. In short, were I called upon to state from what mineral waters I have seen the greatest and most unmistakable amount of good accrue in the largest number of cases in a general way, I could unhesitatingly say the Buffalo Springs, in Mecklenburg county, Virginia."

Malarial Cachexia, Atonic Dyspepsia, Affections Peculiar to Women, &c.

Dr. O. F. Manson, of Richmond, Va., Professor of General Pathology and Physiology in the Medical College of Virginia.

"I have observed marked sanative effects from the Buffalo Water in *Malarial Cachexia*, *Atonic Dyspepsia*, some of the *Peculiar Affections of Women*, *Anamia*, *Hypochondriasis*, *Cardiac Palpitations*, &c. It has been especially efficacious in *Chronic Intermittent Fever*, numerous cases of this character, which had obstinately withstood the usual remedies, having been restored to perfect health in a brief space of time by a sojourn at the Springs."

Diseases of the Female Pelvic Organs, Anteversion or Flexion, Displacements, Menstrual Irregularities, &c.

Dr. G. Halstead Boyland, late Professor of Surgery Baltimore Medical College, Member American Medical Association, &c.

"Buffalo Water, Spring No. 1, is perhaps more than any other water in the world a specific for diseases of the *Female Pelvic* organs, such as *Anteversion* or *Flexion*,

Retroversion or Flexion, and Displacements generally. It not only fortifies the constitution, but has a direct influence upon the broad and round ligaments of the Uterus, strengthening these when relaxed, so that cases that came to the Springs with very decided displacements returned home with the Uterus in situ, all the unpleasant sensations of dragging and pain in the back gone, and the general health perfect. One peculiarity of the Water of Spring No. 1 is that it acts as a *Menstrual Regulator*; in cases of *Amenorrhœa* it induces the *Catamenia*, while in cases of *Dysmenorrhœa* it allays the pain and reduces the *Excessive Flow of blood*, amounting to *Menorrhagia*, to the normal standard; in both diseases a course of this water tends to make the flow appear at the regular intervals of twenty-eight days, accommodating itself in some unaccountable manner to each class of cases. I have prescribed the Water of Spring No. 1 very successfully in cases of *obstinate Female Constipation*. Some of these cases had been previously treated with *belladonna*, *tinct. phosostigma*, *liquor potassa*, *arsenitis*, etc., and only obtained permanent relief by the continued use of this Water.

"The power of this Water as an *Aphrodisiac* is very marked. In common with No. 2 it possesses *Nerve Tonic Properties*, and, indeed, in a much greater degree."

Nerve Tonic Properties of Spring No. 1, its Value in Atonic Dyspepsia, Nervous Disorders, Diabetes Mellitus, &c.

Dr. E. C. Laird, Haw River, N. C.

"No intelligent observer can fail to note the extraordinary power of this Water as a *Nervous Tonic*. In view then of the fact that a healthy condition of *Nervous Endowment* is essential to all vital process it is readily understood that it is a remedy of great potency and wide adaptation in morbid conditions of the human system. In *Atonic Dyspepsia*, especially in cases resulting from or attended by *Nervous Exhaustion* with *Mental Depression* and in all broken-down conditions of the *Nervous System* I have found it a wonderful *Restorative*. In *Neuralgia* it may be regarded as well nigh a specific. It has proved efficient in *Angina Pectoris*, a disease closely allied to if it be not a true *Neuralgia*. Both in *Functional Sterility* and *Impotence* it is one of the most efficient of known remedies. It has performed remarkable cures in *Diabetes Mellitus*. It acts as a *Stimulant* to the *Brain* and enables it to undergo unusual exertion without consequent fatigue or exhaustion. That it is a potent *Regulator* of the *Monthly Function* of *Women* is conceded, I think, by all medical men conversant with its action. In *Chronic Intermittent and Remittent Fevers*, *Jaundice*, *Affections of the Liver and Spleen* and in all *Chronic Malarial Poisoning* it is a remedy of extraordinary potency. In *Eczema* and other *Skin Affections* I have known it to afford remarkable relief."

Dyspepsia, Chronic Intermittent and Remittent Fevers, Affections of the Liver and Spleen, Diabetes Mellitus, etc.

The late Dr. Silas H. Harriss, of Clarksville, Va., who was for twenty years a Practitioner in the neighborhood of the Spring.

"So beneficent is the action of the Water of the old Buffalo Spring in all disturbance of the *Digestive Process* that it may appropriately be termed a *Stomach Water*. It increases the appetite, promotes digestion and invigorates the whole *Digestive Apparatus*. In *Chronic Intermittent and Remittent Fevers*, *Affections of the Liver and Spleen*, *Jaundice* and *Dropsical Effusion*, it has proved uniformly and highly efficacious. In disturbed conditions of the *Monthly Functions of Women* it is fairly entitled to rank as a *Catholicon*. Where not dependent upon organic disease it relieves *Sterility* in *Women* and *Impotence* in *Men*. It is a powerful *Nervous Tonic*,

and in all cases of *Depression* of any of the Vital Powers, the result merely of functional disorders, it is an invaluable remedy. It is a potent *Soothing Diuretic*, and in all irritable conditions of the *Kidneys*, *Bladder* and *Urethra* is an efficient remedy. In *Urinary Calculi* it has accomplished excellent results."

Dr. R. D. Baskerville, Lombardy Grove, Va., Member Medical Society of Virginia.

"In my practice I have used the Buffalo Lithia Water, Spring No. 1, in a great many cases of tedious convalescence from a variety of maladies and always with beneficial results. For *Menstrual Irregularities* uncomplicated by organic disease, I regard it as a sovereign. One case, accompanied by *periodical Hysterical Mania*, was entirely relieved by the use of this Water for a few months, and now after the lapse of two years the young lady enjoys perfect health. In another case of a young married woman associated with sterility it relieved the irregularities, and in the course of twelve months was followed by a conception.

Diabetes Mellitus.

Dr. Thomas M. Darnall, of Griffin, Ga., Member of the Georgia Medical Association.

"On the 12th day of April, 1878, I was called to see Mary, a child about seven years of age. I found her with decided *Fever*, distressing *Nausea*, insupportable *Thirst*, a *Dry Skin*, very *Restless*, *Torpid Bowels*, with extreme emaciation and debility. She was passing an unusual quantity of water, about three gallons per day.

"On examination, I found it had the characteristic color and smell of *Diabetic Urine*. Under Trommer's test it yielded abundant evidence of the presence of *Glucose (Diabetic Sugar)*. Its specific gravity was found to be 1030. Under treatment she improved sufficiently to be sent to the Buffalo Lithia Springs of Virginia, which place she visited in the month of August, when her condition was so much improved that she returned home in the fall almost entirely free from disease. She is now, March 6th, 1879—about a year from the attack—enjoying good health, lively, cheerful and playful."

Prophylactic Virtues of this Water. Obstructions of Young Women, &c.

Dr. Goodrich A. Wilson, Somerset, N. C., Member Medical Society of North Carolina.

"But I feel that I should be doing but meagre justice to the merits of the Buffalo Waters, if I failed to refer to their great *Prophylactic* virtues.

"Hundreds of young *Females* attain to the age of puberty without realizing the healthful performance of their great function. They become *Nervous*, *Hysterical*, *Chlorotic*. Hundreds of young men attain to the same age without developing into manhood.

"They become pale, feeble, hypochondriacal and perhaps the end is *Phthisis*, or an *Insane Asylum*.

"In all such cases the best results may be anticipated from the use of these waters."

Uterine Engorgement, Ulceration, &c.

Dr. T. P. Jerman, Ridgeway, N. C., Member Medical Society of North Carolina.

"I have witnessed decided beneficial results from the Buffalo Lithia Water in *Uterine Engorgement* and *Ulceration* accompanied by serious constitutional disturb-

ance, and in cases of this character, where there is no organic lesion, I regard it as almost a specific."

Affections Peculiar to Women.

Dr. J. H. Tucker, Henderson, N. C., Member of Medical Society of North Carolina.

"Of the special adaptation of the Buffalo Lithia Waters to the *Peculiar Diseases of Females*, I have no question. In *Chloro-anæmic* diseases, in *Leucorrhœa*, in some of the varieties of *Dysmenorrhœa*, and in all those functional derangements resulting from *Nervous Atony*, I prescribe these Waters *with almost the same confidence that I do quinine in Chills and Fever*."

Malarial Poisoning, Acid Dyspepsia, &c.

Dr. David G. Smith, Oakley, Mecklenburg County, Va.

"Some years ago, when a resident of a *Malarious* Southern climate, my general health completely succumbed to oft-repeated and obstinate attacks of *Intermittent Fever*. My whole system seemed to be under the influence of *Malarial Poisoning*. My *Liver* and *Spleen* were involved; I became *Jaundiced*, *Dyspeptic*, *Emaciated* and *Dropsical*. In an exceedingly prostrate and critical condition, I made a visit to the Buffalo Springs. The action of the Water upon my diseased system was *prompt and powerful*. My *Liver* soon resumed a healthy action; my *Skin* cleared up; my *Digestion* was restored; my *Dropsical* symptoms disappeared, and I was in a few weeks a well man. While at the Springs I used no remedies, and the gratifying result stated was of course due *entirely to the action of the Water*."

"My daughter suffered from *Acid Dyspepsia* complicated with *Chronic Diarrhœa*. The most approved treatment of the profession was unavailing, and her general health was entirely prostrated. I carried her to these Springs *upon a bed*, confined strictly to a diet of *crackers and tea*, alternated with *bread and milk*. She used the Water for thirty days, at the expiration of which time she could eat without the slightest inconvenience any article of food, and left the Springs with her general health restored."

Affections Peculiar to Women—Especially Obstructions and Irregularities of Young Women.

The Late Dr. Joel Watkins, of Charlotte C. H., Va., a former Member of Medical Society of Virginia.

"I have had a professional acquaintance of many years with the Buffalo Springs of Mecklenburg County, Va., and have frequently witnessed its healing powers. It is efficacious in as many varied conditions of the human system as any remedial agent of which I have any knowledge. That however which I have found in it most to commend is its almost *Specific Action* in many of the *Diseases of Women*, especially in disorders of *Menstruation* where unconnected with organic lesion. *It seems to be a great Menstrual Regulator*."

Directions for the Use of the Water of Springs Nos. 1 and 2.

From four to eight glasses of the ordinary size per day is about the average quantity of these Waters taken by invalids, and this is supposed to be sufficient in most cases. Many persons, however, take a larger quantity. In Disorders of the Stomach especially, the lesser quantity has often been productive of great good. In Gout, Rheumatism, Stone, Gravel or Eczema it should be taken freely.

It is impossible to prescribe a standard that would be applicable to all cases. Experience will, perhaps, prove the best guide in the matter. Nor can any general rule be laid down as to the length of time for which the Water should be used. While in some cases it is prompt in its action, in others it requires *continuous use for months to make any decided impression upon the system.*

One or two goblets, of the ordinary size, of this Water, taken an hour before meals (and where more than one is taken, they should be taken at intervals of a half hour), *increases the production of the acid gastric juice, and promotes both the appetite and the digestion.*

A goblet taken *during or after meals prevents or arrests the fermentations which in certain morbid conditions of the stomach take place in the foods in the process of digestion.* It is not, of course, suggested that the same individual should take the Water *at, during and after meals,* but simply indicate several appropriate times for taking it, to be selected between, according to circumstances and individual experience.

Many persons who cannot ordinarily use milk or cream will find that, by adding from a fourth to a third part of the Water, they are made not only acceptable but valuable articles of diet. It has been found useful in the preparation of artificial food for infants, as a preventive of Colic and intestinal derangement, adding the Water to milk until it loses its acidity and becomes neutral or alkaline. For this purpose a decided preference is expressed for it over lime water, for the reason that the long-continued use of the latter is regarded as hurtful to digestion.

PURCHASERS CAUTIONED AGAINST FRAUD.

SINCE THE BUFFALO WATERS HAVE ATTAINED SO GREAT REPUTATION, ALL SPRINGS IN VIRGINIA, AT LEAST, ARE CLAIMED TO BE LITHIA WATERS, AND DEVICES, INQUITOUS AND INNUMERABLE, ARE SYSTEMATICALLY RESORTED TO TO IMPOSE THEM UPON THE PUBLIC. SOME OF THESE WATERS ARE EXTENSIVELY ADVERTISED, AND, UPON THE SAME PRINCIPLE THAT THE THIEF CRIES OUT, "CATCH THE THIEF!" APPEND TO THEIR ADVERTISEMENTS A WARNING AGAINST SPURIOUS LITHIA WATERS, AND THE PROPRIETORS OF ONE OF THEM, TO MAKE DECEPTION MORE ASSURED, ADVERTISES LITHIA WATER, SPRING NO. 2, with the object, evidently, of confounding it in the public mind with BUFFALO LITHIA WATER, SPRING NO. 2.

The Proprietor has reason to believe that Manufactured Waters are put upon the market as Buffalo Lithia Waters, and that his Bottles are sometimes filled with Common Drinking Water and sold for Buffalo Lithia Water. By way of affording some Protection to Purchasers, the name of the Proprietor and the Number of the Spring is Branded upon each Box of Water. The Corks, also, are Branded respectively No. 1 and No. 2, indicating the Water of the different Springs. The surest and only Guarantee, however, for getting the GENUINE BUFFALO LITHIA WATER is to buy only of well-known parties.

Occasionally one or two bottles will be found in a case in which Sulphureted Hydrogen has been generated after packing, giving to the Water the taste and odor of a sulphur water. Complaint is often made of a vegetable substance, sometimes found floating in the bottles. This has been the result of carelessness on the part of the Bottlers, and in future will be obviated. The Water is as pure as crystal at the Springs. In case Water is found with this substance in it, straining it through linen cloth will remove it.

PRICE OF WATER.

This Water is put up in Cases of One Dozen Half-Gallon Bottles. It will not be sold in Bulk.

It is delivered at the Clarksville Depot of the Richmond and Mecklenburg Railroad at \$5.00 per Case. At New York, \$5.50. ~~See~~ A Discount to Dealers.

All orders for the Waters must be accompanied by the money, or its equivalent. In future this requirement will be rigidly adhered to.

~~See~~ We do not assume risk of breakage or freezing. Parties will please bear this in mind when ordering.